

Title (en)

DOSE RATE CONTROL IN AN X-RAY SYSTEM

Title (de)

DOSISSTEUERUNG IN EINEM RÖNTGENSYSTEM

Title (fr)

COMMANDE DE DEBIT DE DOSE DANS UN SYSTEME DE RAYONS X

Publication

**EP 1850754 A2 20071107 (EN)**

Application

**EP 06710813 A 20060202**

Priority

- IB 2006050354 W 20060202
- EP 05101011 A 20050211
- EP 06710813 A 20060202

Abstract (en)

[origin: WO2006085247A2] A controller for controlling the dose rate (exposure kV tube voltage) of an X- ray system, in which the actual dose rate is measured and compared with an optimal dose rate, and the resultant difference value is fed to a module (20) (e.g. a PID module) which is arranged to adjust the dose rate (by adjusting the exposure kV voltage) so as to minimise the difference value. No preset parameters are required to be entered prior to exposure.

IPC 8 full level

**A61B 6/00** (2006.01); **H05G 1/32** (2006.01)

CPC (source: EP US)

**A61B 6/542** (2013.01 - EP US); **A61B 6/544** (2013.01 - EP US); **H05G 1/32** (2013.01 - EP US)

Citation (search report)

See references of WO 2006085247A2

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